

IN THE CLAIMS:

Please amend the claims as follows:

1. (thrice amended) An improved gelatinous composition comprising: a crystal gel formed from

(I) 100 parts by weight of one or more linear, branched, star-shaped (radial), or multiarm block copolymers or mixtures of two or more such block copolymers, said block copolymers having one or more midblocks, said midblocks comprising one or more substantially crystalline polyethylene midblocks and with (i) one or more amorphous midblocks or (ii) without amorphous midblocks, [; optionally] in combination with or without a selected amount of one or more of

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(II) a polymer or copolymer, and selected amounts of

(III) a plasticizing oil sufficient to achieve gel rigidities of from less than about 2 gram Bloom to about 1,800 gram Bloom, with the proviso [that] when said (I) block copolymers without any amorphous midblocks are combined with at least one block copolymer having at least one amorphous midblock, [wherein] that said [block] midblocks of said (I) block copolymers forming said crystal gel comprises a selected amount of crystallinity sufficient to exhibit a melting endotherm of at least about 40°C as determined by DSC curve.

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(Once amended) A gel according to claim 1 or *8*, wherein said gel exhibits in differential scanning calorimeter (D[C]SC) a melting endotherm of about 25°C, 28°C, 29°C, 30°C, 31°C, 32°C, 33°C, 34°C, 35°C, 36°C, 37°C, 38°C, 39°C, 40°C, 41°C, 42°C, 43°C, 44°C, 45°C, 46°C, 47°C, 48°C, 49°C, 50°C, 51°C, 52°C, 53°C, 54°C, 55°C, 56°C, 57°C, 58°C, 59°C, 60°C, 61°C, 62°C, 63°C, 64°C, 65°C, 66°C, 67°C, 68°C, 69°C, 70°C, 71°C, 72°C, 73°C, 74°C, 75°C, 76°C, 77°C, 78°C, 79°C, 80°C, 90°C, 100°C, 110°C, or 120°C.

7. (Twice amended) A gel according to claim [1 or 8] 5, wherein said [gel is being denoted by G, is physically interlocked with a selected material M or in combination with one or more of the same gel or different gel forming a composite of the combination G_nG_n , $G_nG_nG_n$, G_nM_n , $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_nM_n$, $G_nM_nM_nG_n$, $G_nG_nM_nG_nM_n$, $G_nM_nG_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_n$, $G_nG_nM_nG_nM_nG_n$ or a permutation of one or more of said G_n with M_n ; wherein when n is a subscript of M, n is the same or different selected from the group consisting of paper, foam, plastic, fabric, metal, metal foil, concrete, wood, glass, glass fibers, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity composite being formed into a gel hand exercising grip, a gel shape floss suitable for use as a dental floss, a gel crutch cushion, a gel cervical pillow, a gel bed wedge pillow, a gel leg rest, a gel neck cushion, a gel mattress, a gel bed pad, a gel elbow pad, a gel dermal pad, a gel wheelchair cushion, a gel helmet liner, a gel cold and hot pack, a gel exercise weight belt, a gel traction pad or belt, a gel cushion for splints, a gel sling, a gel brace for the hand, wrist, finger, forearm, knee, leg, clavicle, shoulder, foot, ankle, neck, back, rib, a gel sole for orthopedic shoe, a gel shaped toy article, a gel optical cladding for cushioning optical fibers from bending stresses, a gel swab tip, a gel fishing bate, a gel seal against pressure, a gel thread, a gel strip, a gel yarn, a gel tape, a weaved gel cloth, a gel fabrics, a gel balloon for valvuloplasty of the mitral valve, a gel trointestinal balloon dilator, a gel esophageal balloon dilator, a gel dilating balloon catheter use in coronary angiogram, a gel condom, a gel toy balloon, a gel surgical and examination glove, a self sealing enclosures for splicing electrical and telephone cables and wires, a gel film, or a gel liner.

8. (Twice amended) An improved gelatinous composition comprising: a crystal gel formed from

~~100 parts by weight of one or more of the same block~~
~~copolymers or mixtures of two or more (such) a different block~~

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copolymers, said block copolymers having the formula
poly(styrene-ethylene-ethylene-butylene-styrene),
poly(styrene-ethylene₄₅-ethylene-propylene-styrene),
poly(styrene-ethylene-ethylene-butylene₂₅-styrene),
poly(styrene-ethylene-ethylene-propylene-ethylene-styrene),
poly(styrene-ethylene-propylene-ethylene-styrene),
poly(styrene-ethylene-propylene-ethylene-ethylene-propylene-styrene),
poly(styrene-ethylene-ethylene-butylene)_n,
poly(styrene-ethylene₄₅-ethylene-propylene)_n,
poly(styrene-ethylene-ethylene-butylene₂₅)_n,
poly(styrene-ethylene-ethylene-propylene-ethylene)_n,
poly(styrene-ethylene-propylene-ethylene)_n,
poly(styrene-ethylene-propylene-ethylene-ethylene-propylene)_n,
midblocks comprising one or more substantially crystalline polyethylene
midblock segment(s), wherein subscript n is two or more; wherein said
(I) block copolymers in combination with or without a selected amount of
one or more of

(III) a [(II)] polymer or copolymer, and selected amounts of
(III) a plasticizing oil [(III)] sufficient to achieve a gel
rigidity of from less than about 2 gram Bloom to about 1,800 gram
Bloom, wherein said gel is capable of exhibiting greater tear resistance
or greater fatigue resistance than a gel having a corresponding rigidity
made from a substantially amorphous poly(styrene-ethylene-butylene-
styrene) or poly(styrene-ethylene-propylene-styrene) block copolymers
having substantially non-crystalline polyethylene midblock segments.

9. (Twice amended) A composite of claim 5 shaped in the form of a gel
liner for lower limb or above the knee amputee prosthesis formed by
injection molding, extruding, spinning, casting, or dipping of said gel,
wherein [at least one of] said gel comprises at least one said block
copolymer of poly(styrene-ethylene-ethylene-propylene[-ethylene]-
styrene), poly(styrene-ethylene-ethylene-propylene[-ethylene])_n,
poly(styrene-ethylene-ethylene-butylene-styrene), or